

Delivering a Net Zero National Health Service

NHS England and NHS Improvement



“The life of every child born today
will be profoundly affected by
climate change...

Without accelerated intervention,
this new era will come to define
the health of people at every stage
of their lives.”





1.1.3 & 4: Exposure of Vulnerable Populations to Heatwaves

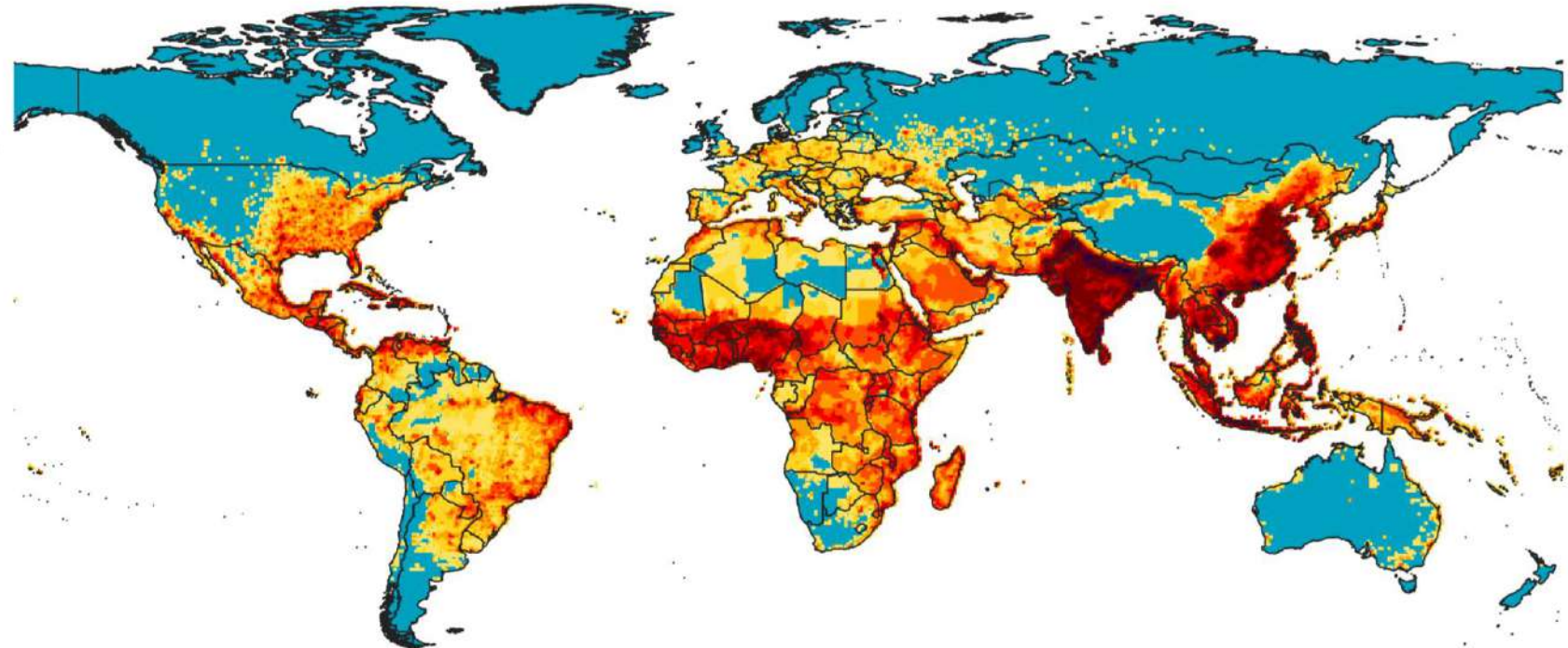
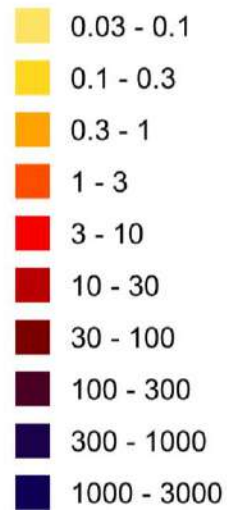
Headline Finding:

2018 saw 220 million additional vulnerable people exposed to extremes of heat

Headline Finding:

In 2018, 133 billion of potential work hours were lost due to rising temperatures – 45 billion hours more than in 2000.

Million potential labour hours lost



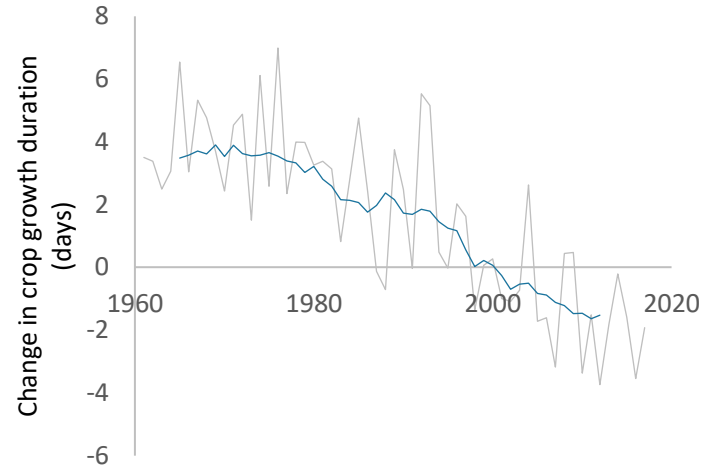


1.5.1: Terrestrial Food Security and Undernutrition

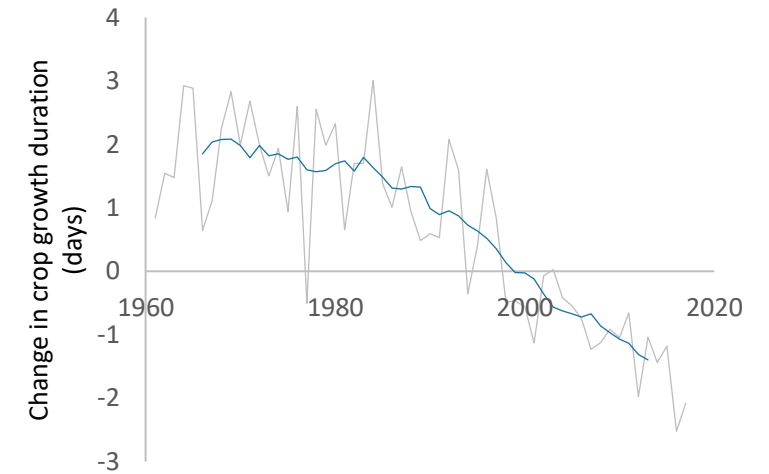
Headline Finding:

A changing climate has seen global yield potential reduce by 2.9% for maize, 3.8% for winter wheat and 3.1% for soybean crops from 1988 to present day, with concerning implications for global undernutrition.

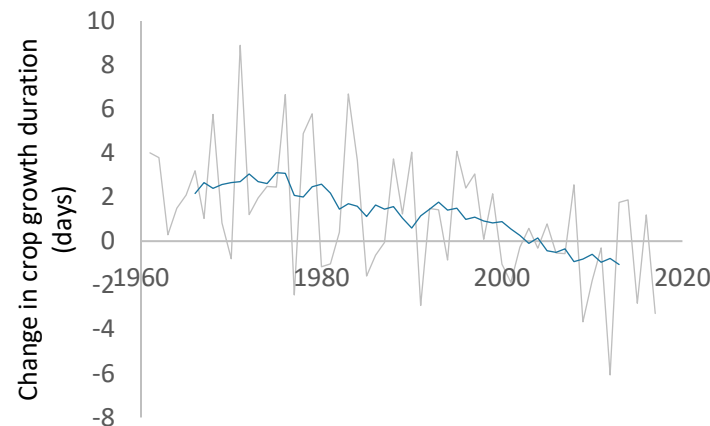
Maize



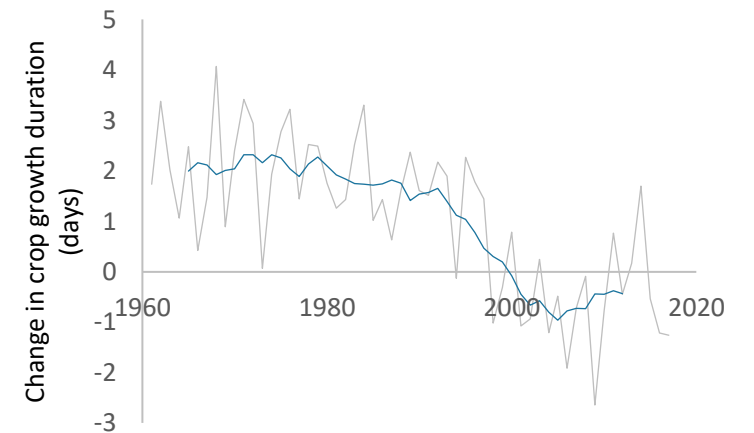
Winter wheat



Soybean



Rice



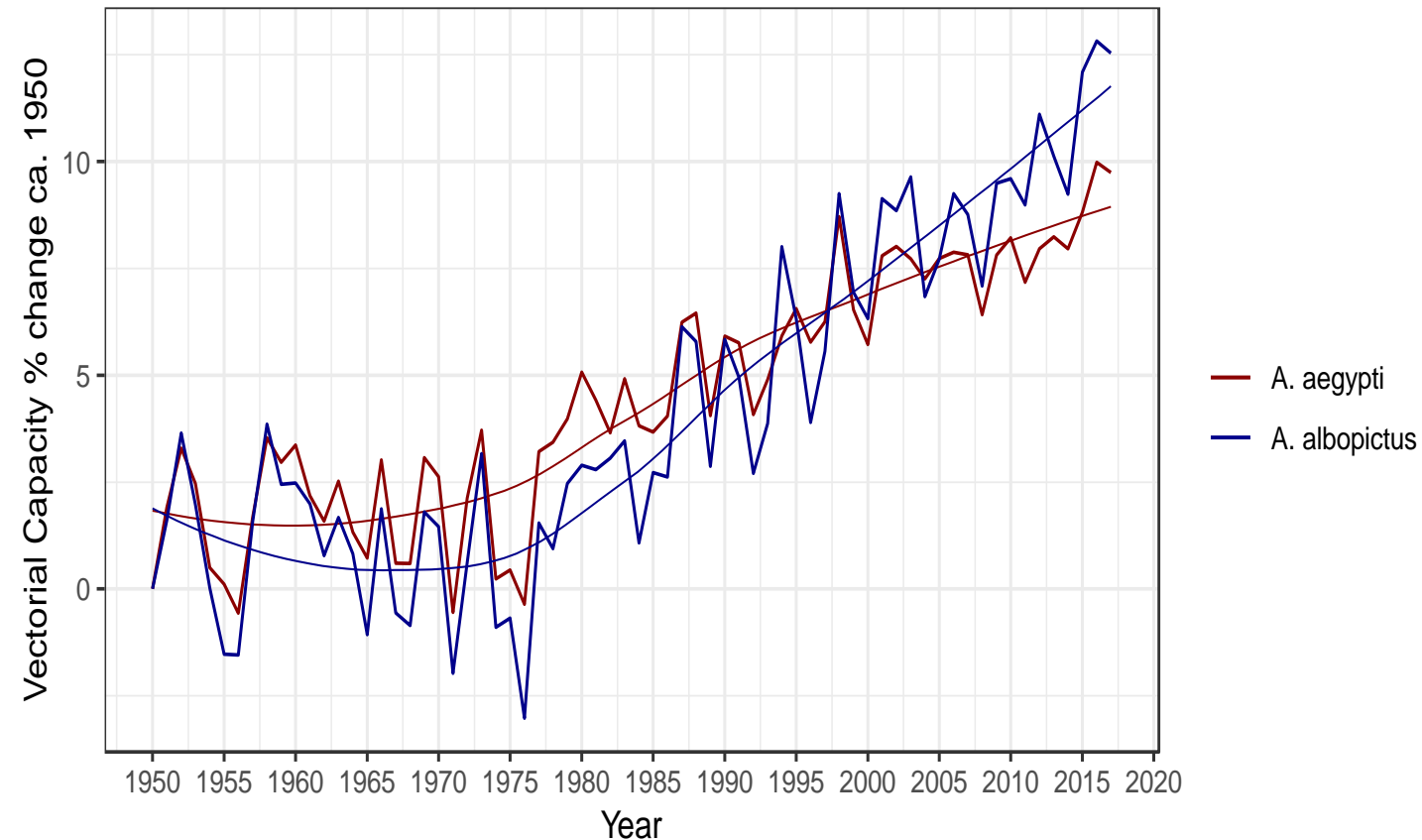


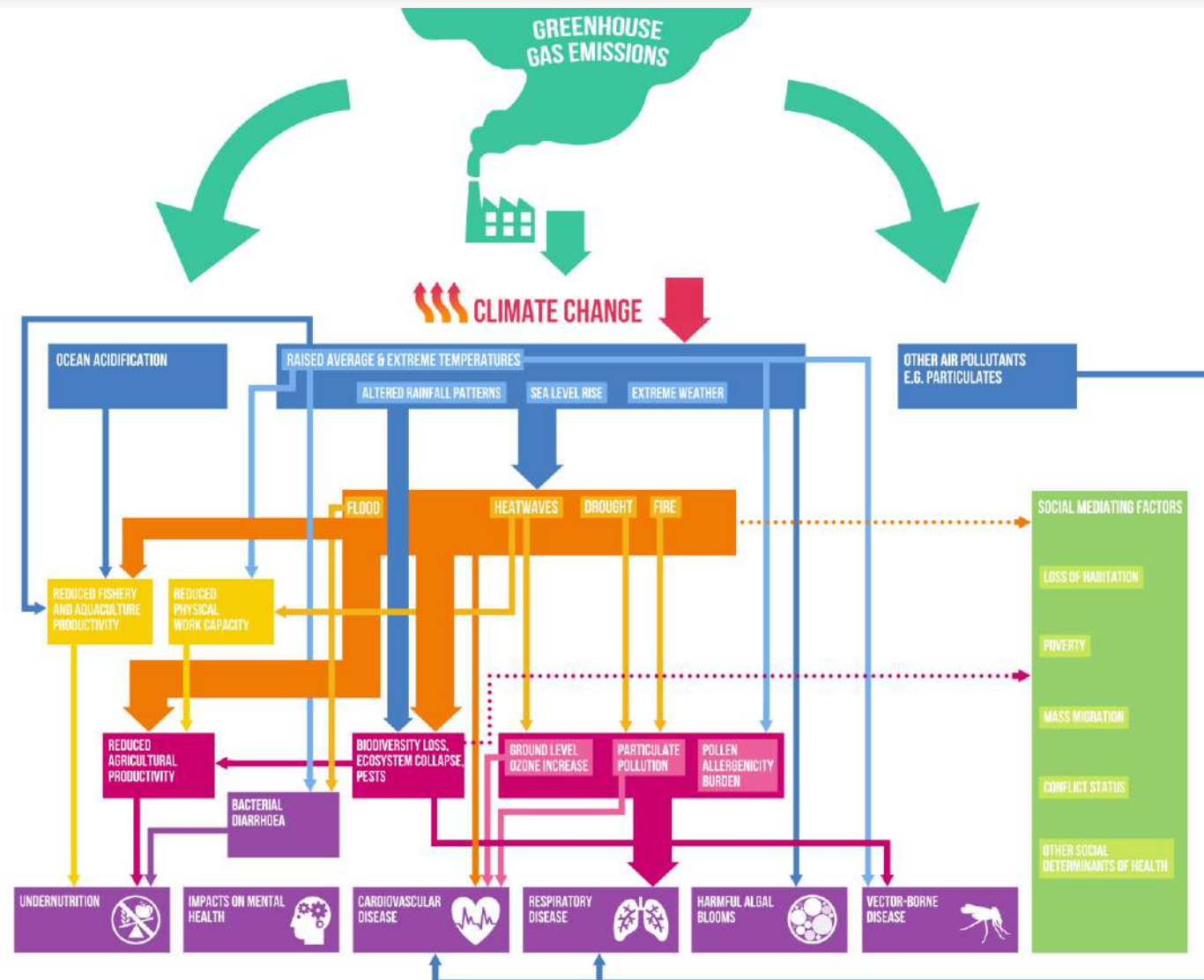
1.4.1: Climate Suitability for Infectious Disease Transmission

Headline Finding:

Vectorial capacity for the transmission of dengue was the 2nd highest on record in 2017, with 9 of the 10 most suitable years occurring since 2000.

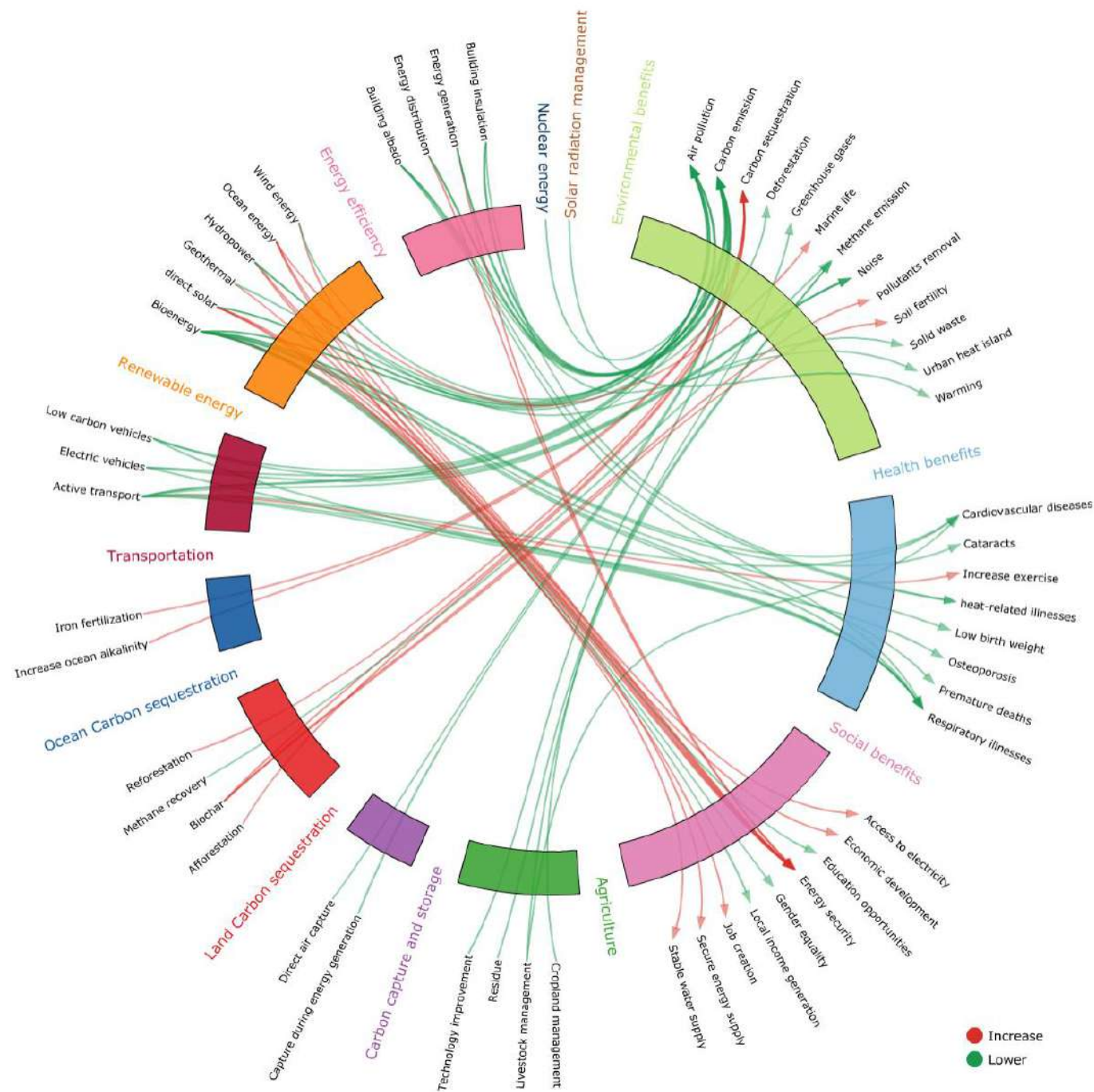
The global average increase above the 1950s baseline was 7.2% for *Aedes aegypti* and 9.8% for *A. albopictus*.







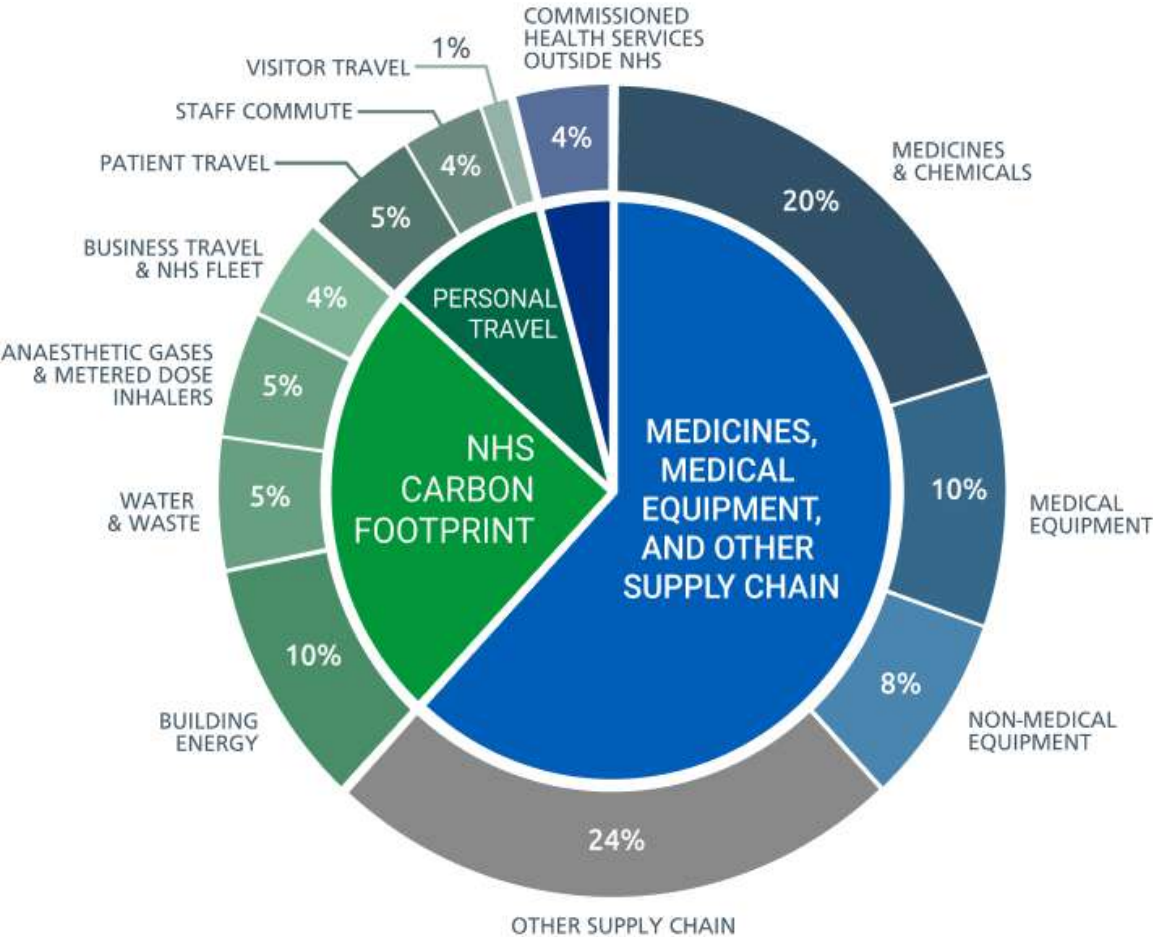
“The response to climate change could be the biggest global health opportunity of the 21st century”



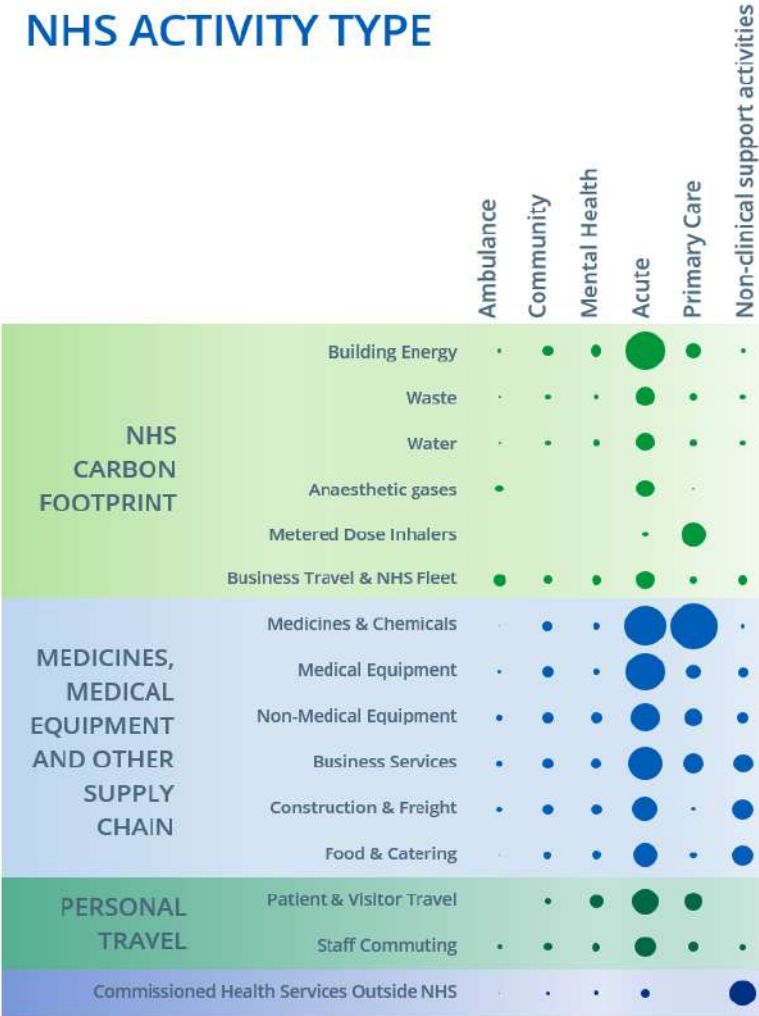
**HIGH QUALITY
CARE **FOR ALL**,
NOW AND FOR
FUTURE
GENERATIONS**



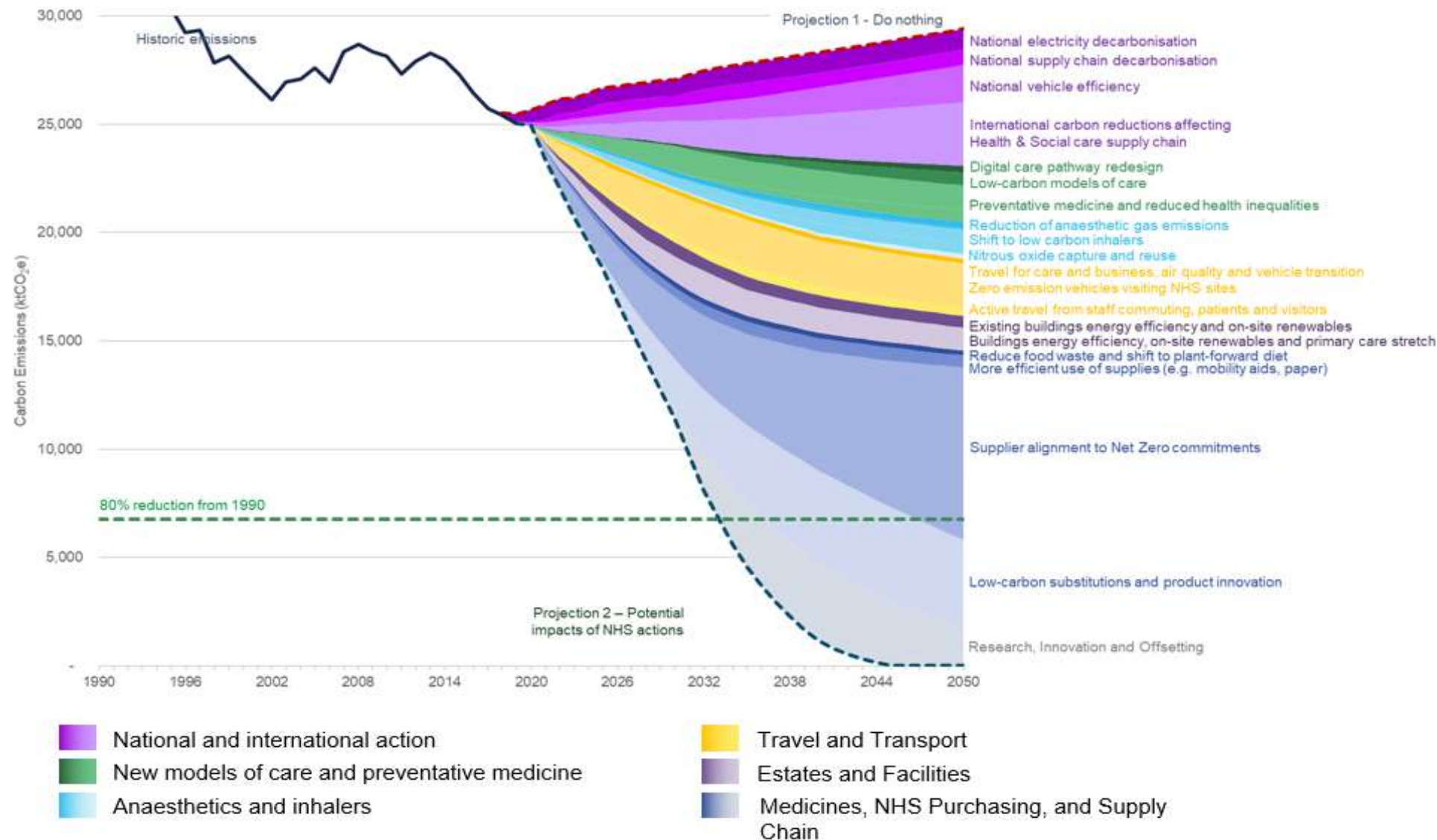
The Carbon Footprint of the NHS



NHS ACTIVITY TYPE



The NHS Carbon Footprint Plus





NHS England and NHS Improvement  @NHSEngland · Oct 1

The NHS has today adopted a multiyear plan to become the world's first carbon net zero national health system. Read the Net Zero report to find out more. [#GreenerNHS england.nhs.uk/2020/10/nhs-be...](https://england.nhs.uk/2020/10/nhs-be...)



394



405



336

